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#2825  
JCK

12/12/02

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USPTO

Attorney Docket No.: NMTC-0756

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

**Inventor:** Youping Zhang  
**Title:** METHOD AND APPARATUS FOR CONTROLLING RIPPLING DURING OPTICAL PROXIMITY CORRECTION  
**Filing Date:** December 12, 2001  
**Serial Number:** 10/016,837  
**Group Art Unit:** 2825  
**Examiner:** To Be Assigned

Listed below or on an attached Form PTO-1449 is information known to applicant(s) and submitted pursuant to 37 C.F.R. §1.56. A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage  
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits.

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— 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

- a certification as specified in §1.97(e) is provided below; **or**
- a fee of \$240.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement. Please note that a check in the amount of \$240.00 is enclosed in payment.
- 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
  - A. a certification as specified in §1.97(e) is completed below; **and**
  - B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
  - C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- Statement under 37 C.F.R. §1.97(e) - I hereby certify that either: each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the information disclosure statement; or no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in section 1.56(c) more than three months prior to the filing of the information disclosure statement.

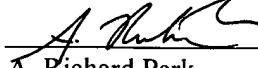
Signature: \_\_\_\_\_

A. Richard Park (Reg. No. 41,241)

Date

Respectfully submitted,

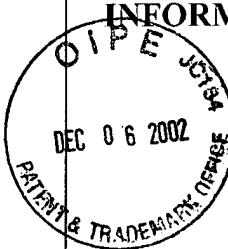
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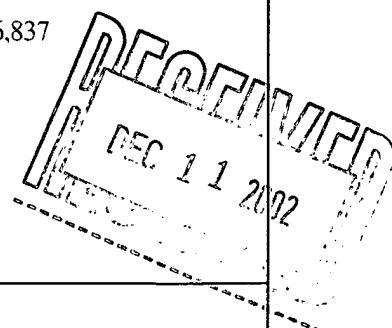
  
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Date: December 2, 2002

<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>  	<b>Atty. Docket No.</b>	<b>Serial No.</b>
	NMTC-0756	10/016,837
	<b>Applicant</b>	<b>Group</b>
	ZHANG, Youping	
	<b>Filing Date</b>	
	12/12/2001	2825

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,014,456	1/11/2000	Tsudaka	382	144	7/15/1996
	6,154,563	11/28/2000	Tsudaka	382	144	12/17/1998
	6,298,473 B1	10/2/2001	Ono, et al.	716	21	12/3/1998
	6,453,457 B1	9/17/2002	Pierrat, et al.	716	19	9/29/2000
	2002/0100004 A1	7/25/2002	Pierrat, et al.	716	5	3/15/2002

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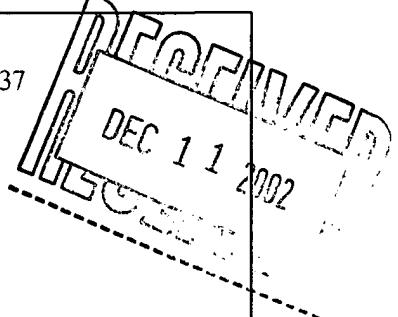
Date Considered: \_\_\_\_\_

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<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>		<b>Atty. Docket No.</b> NMTC-0756	<b>Serial No.</b> 10/016,837
		<b>Applicant</b> ZHANG, Youping	
		<b>Filing Date</b> 12/12/2001	<b>Group</b> 2825


**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER'S INITIALS	CITATION
	Cobb, N., et al., "Fast, Low-Complexity Mask Design", SPIE, Vol. 2440, pp. 313-327, February 22-24, 1995.
	Cobb, N., et al., "Experimental Results on Optical Proximity Correction With Variable Threshold Resist Model", SPIE, Vol. 3051, pp. 458-468, March 12-14, 1997.
	Cobb, N., "Fast Optical and Process Proximity Correction Algorithms for Integrated Circuit Manufacturing", Dissertation, University of California at Berkeley, UMI Microform 9902038 (139 pages).
	Toublan, O., et al., "Phase Aware Proximity Correction for Advanced Masks", SPIE, Vol. 4000, pp. 160-170, March 1-3, 2000.
	Anonymous, "Parameterization For Full Shape And Rule Dependent Dissection", IPCOM000009587D, September 4, 2002 (9 pages).

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